Before the
Federal Communications Commission
Washington, DC 20554

In the Matter of	)	
	)	
Advanced Television Systems	)	MB Docket No. 87-268
And Their Impact upon the	)	
Existing Television Broadcast	)	
Service	)	
	)	
To: The Commission	)	

PETITION FOR RECONSIDERATION

Scripps Howard Broadcasting Company ("Scripps"), licensee of television Station WPTV(TV), West Palm Beach, FL (Facility ID # 59443), hereby requests reconsideration of the DTV Table of Allotments published as Appendix B to the *Seventh Report and Order* in the above-captioned proceeding.

As shown herein, good cause exists for granting the relief requested.

As explained in the attached Engineering Statement prepared by John F.X. Browne, P.E., Scripps would not be able to approach replication of the service area of Station WPTV's analog facilities utilizing the antenna pattern described in Appendix B.

Scripps originally certified to coverage of a maximized digital facility on out-of-core UHF channel 55 and was able to approach replication utilizing an off-the-shelf directional UHF antenna. Unfortunately, it has proven impracticable to design a VHF antenna for Scripps' new in-core VHF channel 12 that could replicate this directional pattern.

Modifying the table to specify an omnidirectional antenna pattern would cause predicted interference to Station WTVT-DT, Channel 12, Tampa, FL, but the interference is permissible since it is less than 0.1 percent.

Accordingly, Scripps requests that the Commission modify Appendix B to specify an omnidirectional antenna pattern for Station WPTV.

Respectfully submitted,

Scripps Howard Broadcasting Company

By: _____

Kenneth C. Howard Jr.
Baker & Hostetler LLP
1050 Connecticut Ave., NW, Suite 1100
Washington, DC 20036
(202) 861-1580

October 26, 2007

Its Attorney

Engineering Statement

John F.X. Browne, P.E.

in regard to

Digital Television Allotment

WPTV-DT

West Palm Beach, FL

Background

WPTV, West Palm Beach, FL operates its analog facility on Channel 5. It was initially allotted an out-of-core (Channel 55) DTV facility with an authorized power of 1,000 kW, the maximum permissible for UHF facilities. Even with this high ERP, WPTV was unable to replicate its Channel 5 analog coverage. Therefore, WPTV "maximized" its DTV facility (attempting to get closer to replicating its analog coverage) by increasing its service over land using a directional antenna with an "off-the-shelf" antenna pattern. As can be seen in Figure 1, attached hereto, the contours of the allotment facility and the "maximized" facility do not replicate the analog coverage contour.

During the Channel Election process, WPTV was given the choice of electing its DTV replication facility or its "maximized" DTV facility. Since neither facility replicated its analog coverage, WPTV certified to its maximized facility since it provided more coverage than the allotment facility. However, as mentioned above, the initially allotted DTV Channel 55 for WPTV is an out-of-core channel and, therefore, WPTV had to identify and elect another (in core) channel for DTV operation post-transition. The available channel elected by WPTV for

post-transition DTV operation was Channel 12. The Commission granted this request and assigned TCD parameters based on the certification to the coverage of the maximized Channel 55 facility.

The translation of the Channel 55 parameters to VHF Channel 12 has resulted in the specification of an antenna pattern (as part of the TCD) based on the "maximized" Channel 55 directional antenna pattern that cannot be readily achieved on Channel 12. As noted above and depicted on Figure 1, the WPTV analog coverage cannot be replicated even using the parameters of the "maximized" UHF facility (or the UHF allotment facility). The essentially omni-directional VHF analog coverage is being replaced by a VHF digital channel with a radiation pattern that cannot be achieved with a practical antenna. Thus, if WPTV uses an omni directional antenna - as it desires to do in an attempt to replicate its analog service – it must reduce its power from 13.4 kW to 7.7 kW to keep the coverage from exceeding the limits established by the TCD parameters.

Proposal

It is proposed to amend the WPTV TCD parameters to specify use of an omni-directional antenna with an ERP of 13.4 kW. Specifically, the parameters would be as follows:

COORDS:	26° 35' 20" N
	80° 12' 43" W
PWR:	13.4 kW (omni)
HAAT:	387m

As shown in Figure 2, this would result in minor changes relative to the assigned TCD coverage but would not come close to matching the authorized analog Grade B contour.

Interference

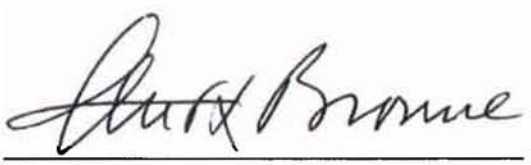
Interference studies were conducted using software which implements OET 69 and essentially mimics the software employed by the Commission. The results of those studies indicate that the following station would receive additional interference (in excess of that

caused by the TCD). It is noted that this interference is less than that permitted by the "freeze" rules.

WTVT-DT Ch 12 Tampa, FL (0.07% increase)

Certification

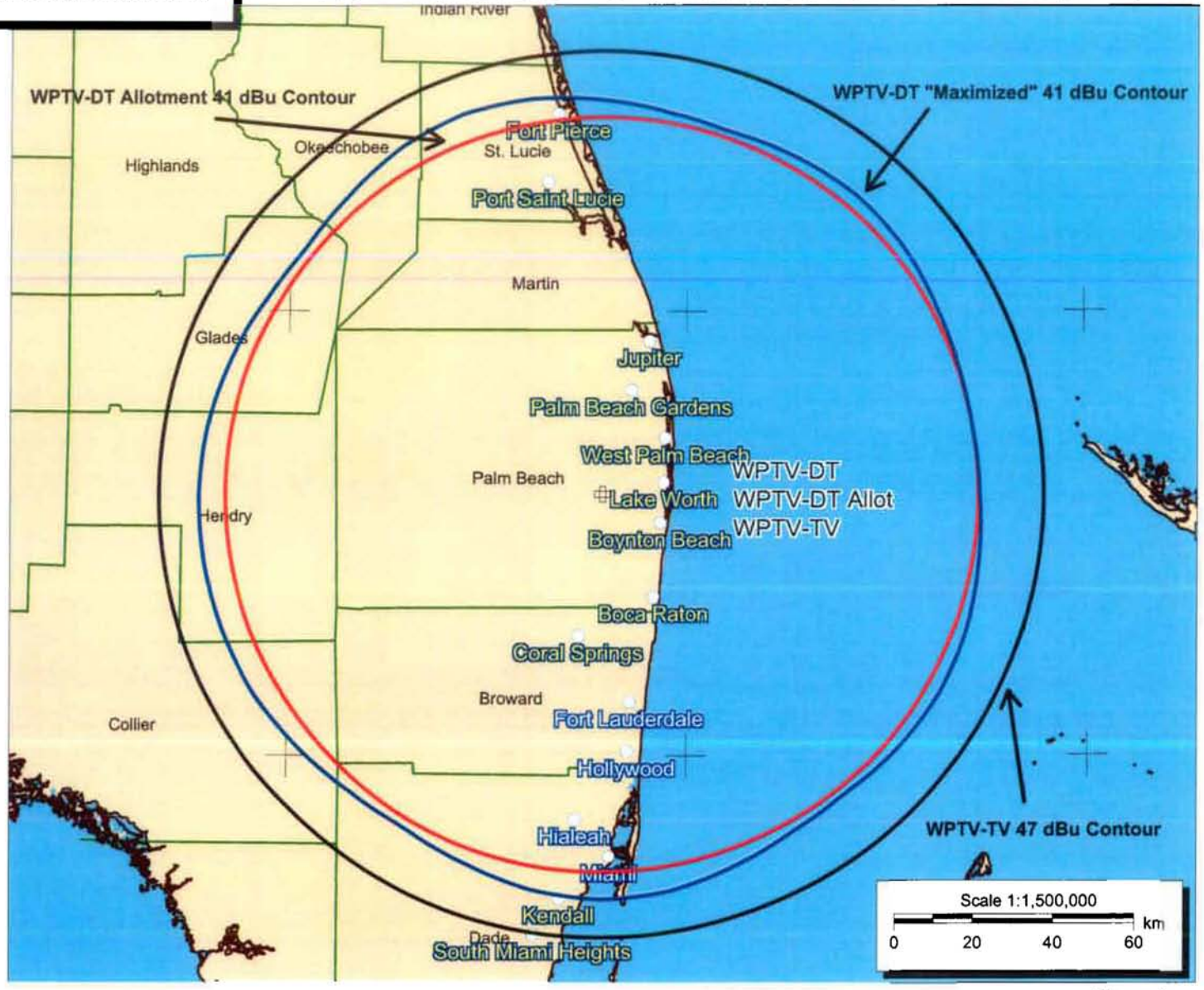
I hereby certify that the foregoing report or statement was prepared by me but may include work performed by others under my supervision or direction. The statements of fact contained therein are believed to be true and correct based on personal knowledge, information and belief unless otherwise stated; with respect to facts not known of my own personal knowledge, I believe them to be true and correct based on their origin from sources known to me to be generally reliable and accurate. I have prepared this document with due care and in accordance with applicable standards of professional practice.



John F.X. Browne, P.E.
October 24, 2007

John F.X. Browne & Associates P.C.

WPTV Analog Contour, Maximized DTV Facility Contour and DTV Allotment Contour Coverage Comparison

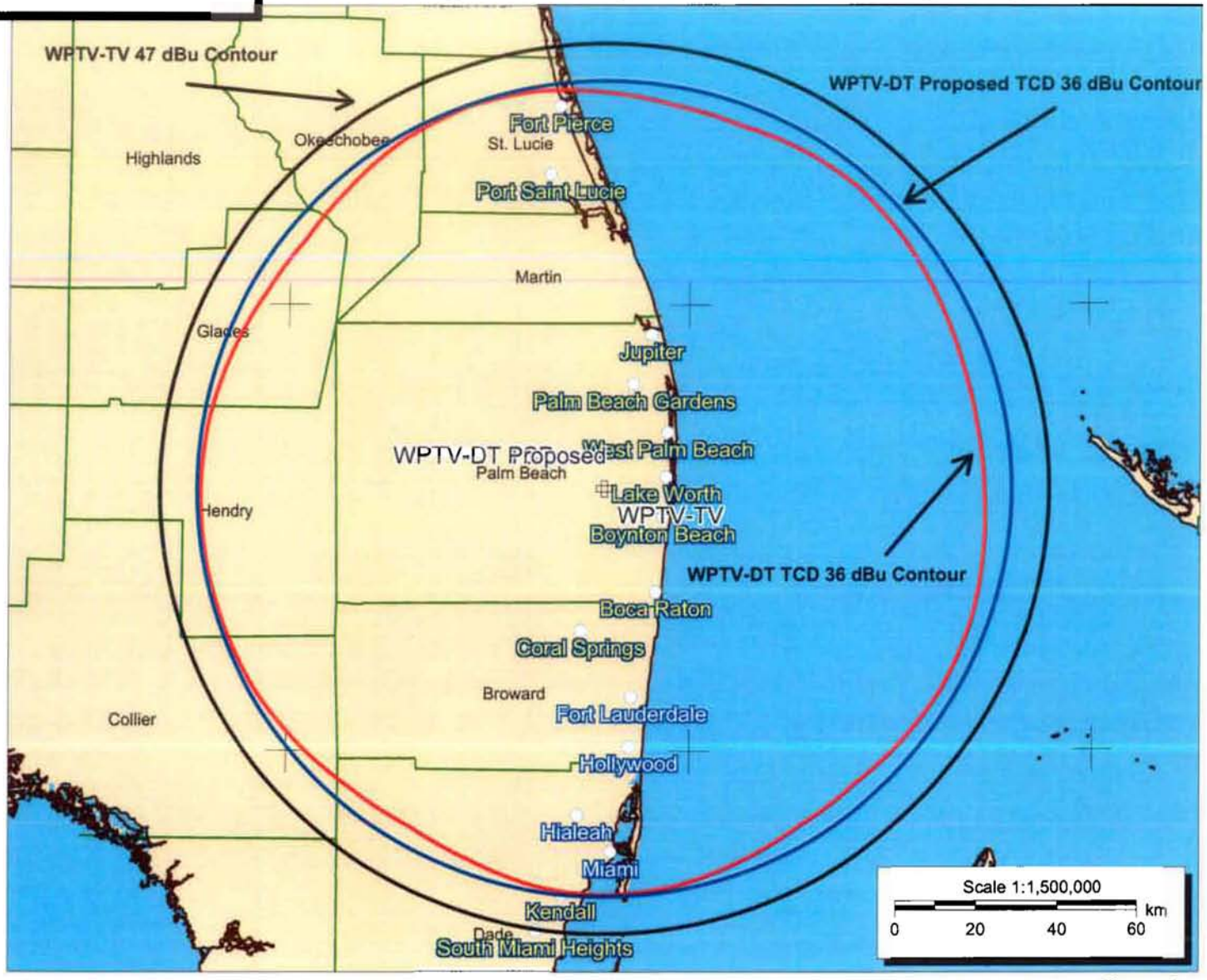


Black: WPTV-TV 47 dBu F(50, 90) Grade B Contour
Red : WPTV-DT Allotment 41 dBu F(50,90) Noise Limited Contour (Adjusted for Dipole Factor)
Blue: WPTV-DT Maximized 41 dBu F950, 90) Noise Limited Contour (Adjusted for Dipole Factor)

Figure 1
10-23-07

John F.X. Browne & Associates P.C.

WPTV Analog, TCD, and Proposed TCD Contour Coverage Comparison



Black - WPTV-TV 47 dBu F(50,50) Grade B Contour
Red - WPTV-DT TCD 36 dBu F(50,90) Noise Limited Contour
Blue - WPTV-DT Proposed TCD 36 dBu F(50,90) Noise Limited Contour

Figure 2
10-23-07